

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032725\  
 Data File : BF142147.D  
 Acq On : 28 Mar 2025 02:06  
 Operator : RC/JU  
 Sample : Q1634-01 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-01-032425

Quant Time: Mar 28 03:57:32 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 133744   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.151  | 136  | 467871   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.910  | 164  | 220122   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 312303   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 284160   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.509 | 264  | 202759   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 160592   | 20.040 | ng    | -0.02    |
| 7) Phenol-d6                | 6.486  | 99   | 195554   | 19.166 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 129858   | 15.619 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 40817    | 14.616 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 231722   | 16.010 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.974 | 244  | 197660   | 10.284 | ng    | -0.01    |

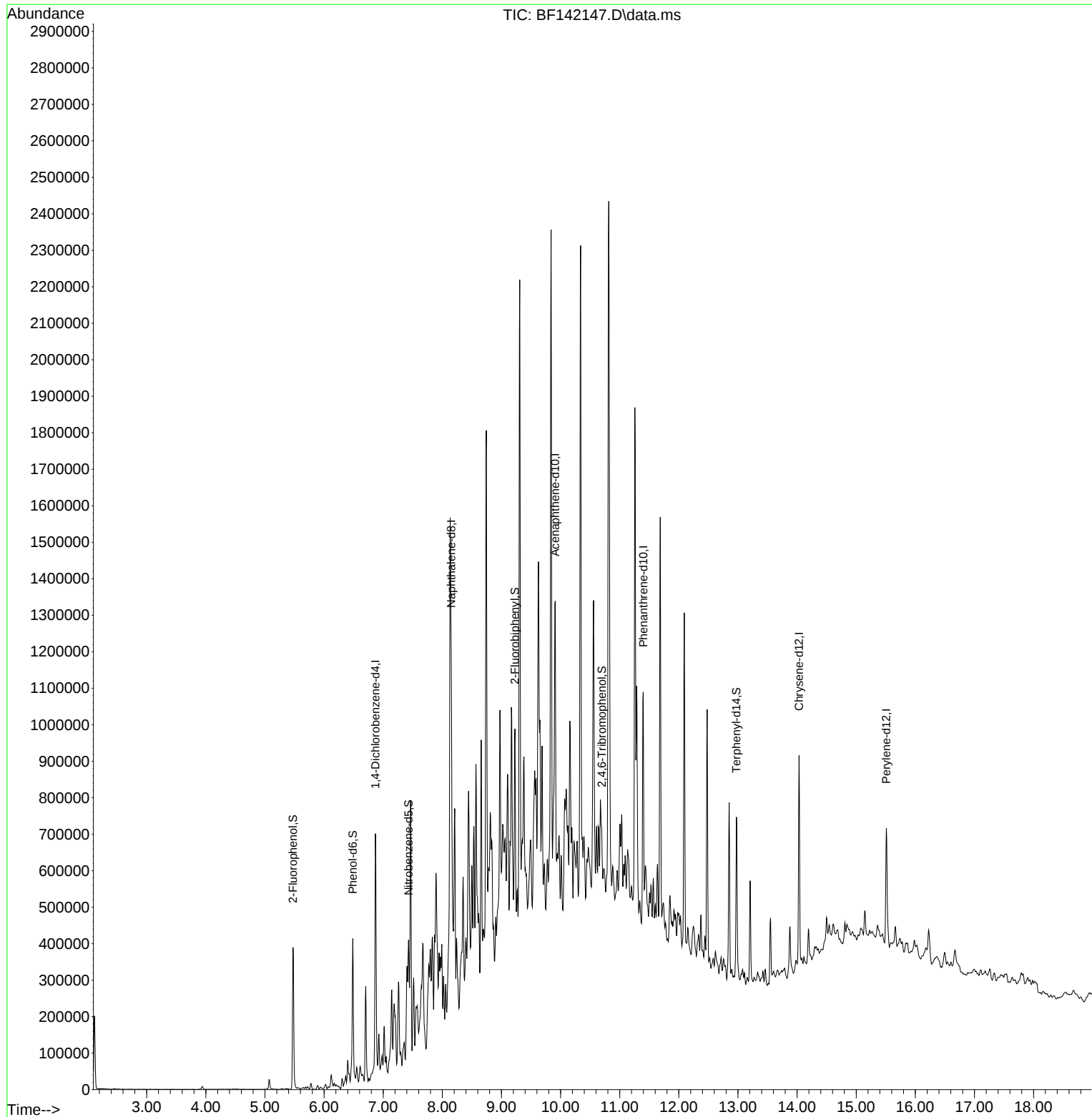
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032725\  
Data File : BF142147.D  
Acq On : 28 Mar 2025 02:06  
Operator : RC/JU  
Sample : Q1634-01 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
HR-01-032425

Quant Time: Mar 28 03:57:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration

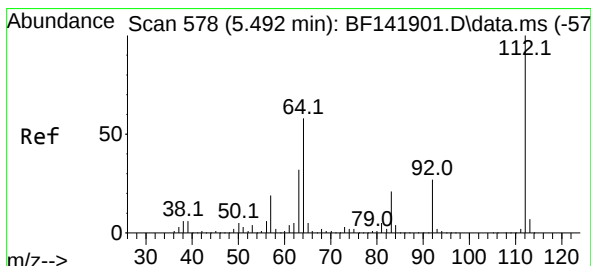
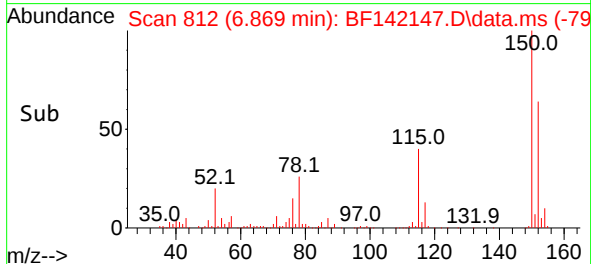
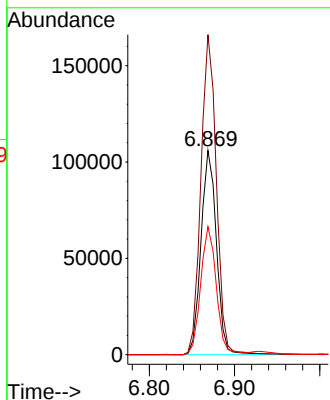
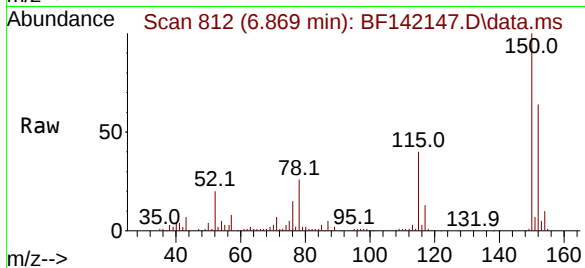




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 814  
Delta R.T. -0.012 min  
Lab File: BF142147.D  
Acq: 28 Mar 2025 02:06

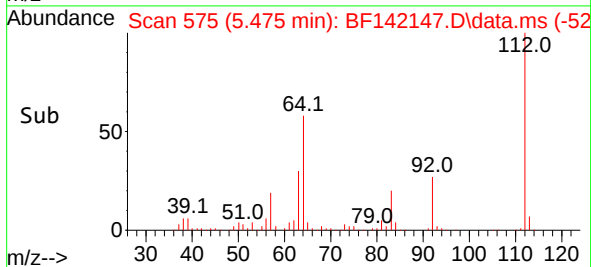
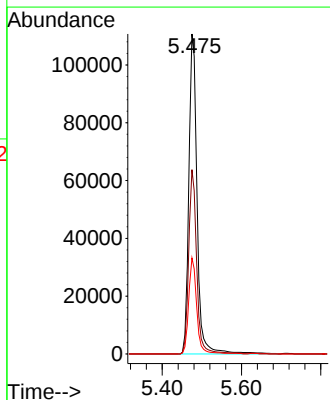
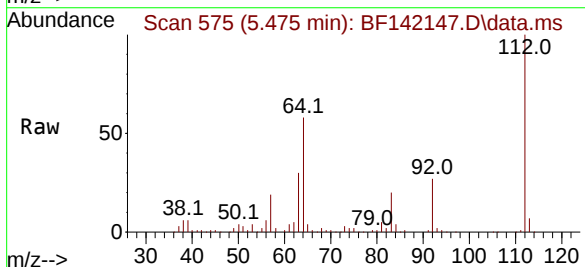
Instrument :  
BNA\_F  
ClientSampleId :  
HR-01-032425

Tgt Ion:152 Resp: 133744  
Ion Ratio Lower Upper  
152 100  
150 156.8 127.4 191.2  
115 62.7 51.9 77.9



#5  
2-Fluorophenol  
Concen: 20.040 ng  
RT: 5.475 min Scan# 575  
Delta R.T. -0.018 min  
Lab File: BF142147.D  
Acq: 28 Mar 2025 02:06

Tgt Ion:112 Resp: 160592  
Ion Ratio Lower Upper  
112 100  
64 57.6 46.5 69.7  
63 30.0 25.4 38.2





#7

Phenol-d6

Concen: 19.166 ng

RT: 6.486 min Scan# 74

Delta R.T. -0.018 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

Instrument :

BNA\_F

ClientSampleId :

HR-01-032425

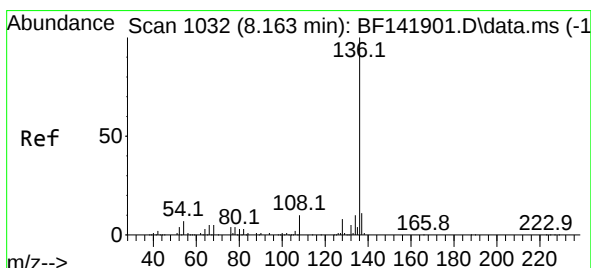
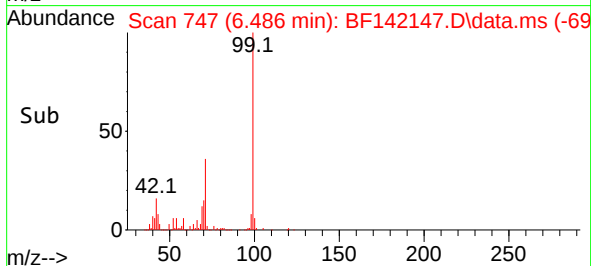
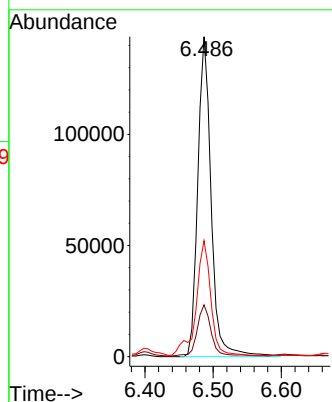
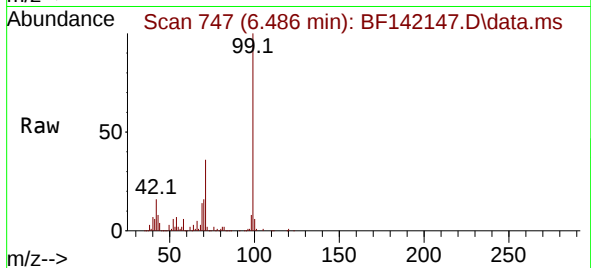
Tgt Ion: 99 Resp: 195554

Ion Ratio Lower Upper

99 100

42 16.2 14.6 21.8

71 36.3 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

Tgt Ion: 136 Resp: 467871

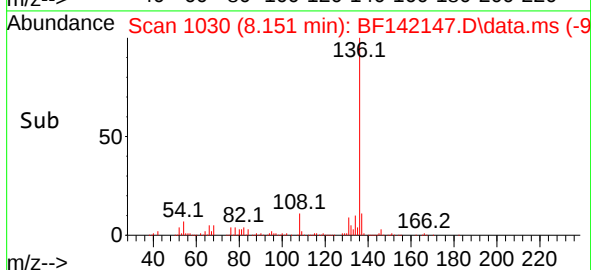
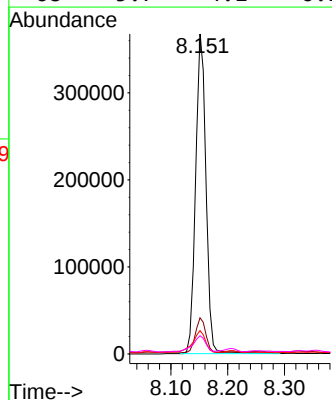
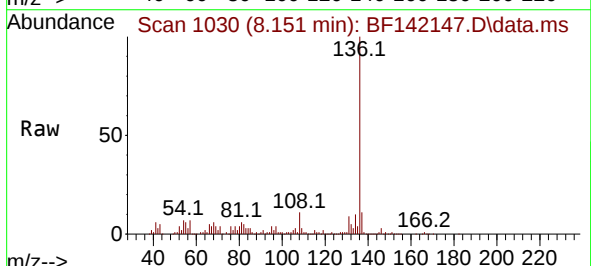
Ion Ratio Lower Upper

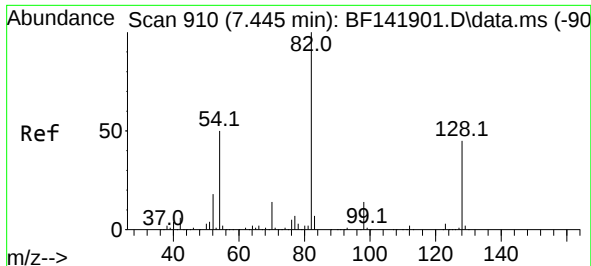
136 100

137 11.3 8.8 13.2

54 7.3 5.8 8.8

68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 15.619 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

Instrument :

BNA\_F

ClientSampleId :

HR-01-032425

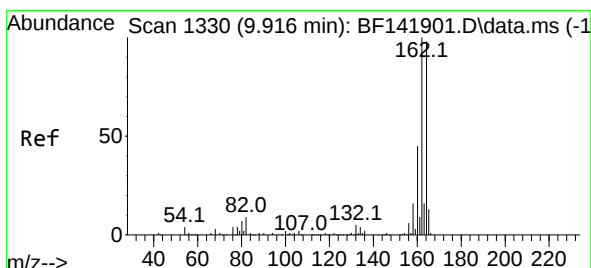
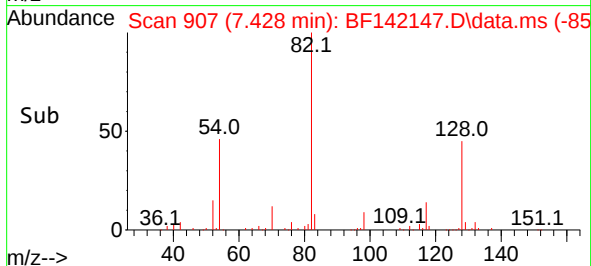
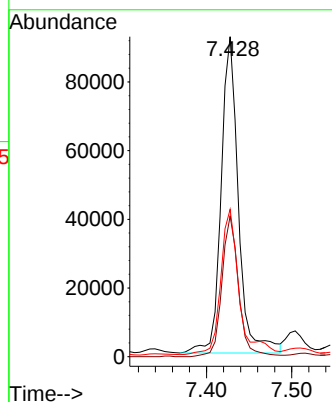
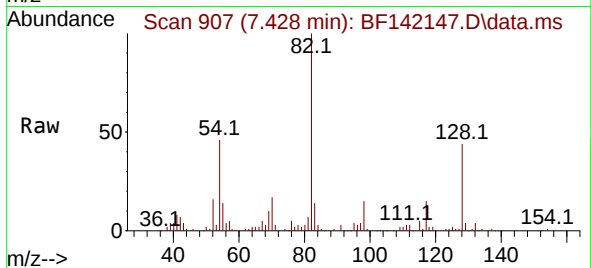
Tgt Ion: 82 Resp: 129858

Ion Ratio Lower Upper

82 100

128 44.0 36.0 54.0

54 46.0 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

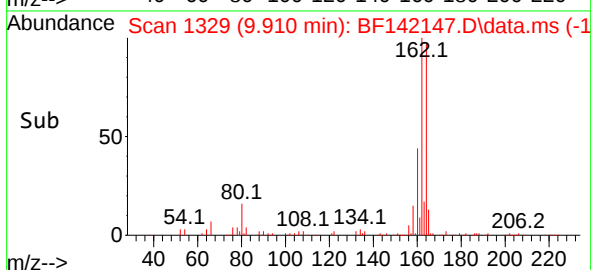
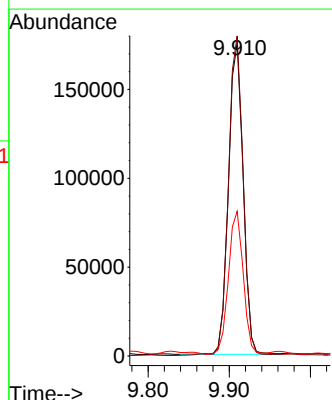
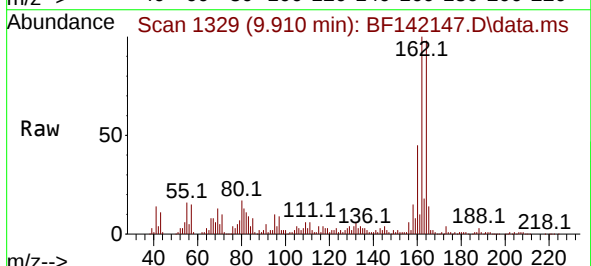
Tgt Ion:164 Resp: 220122

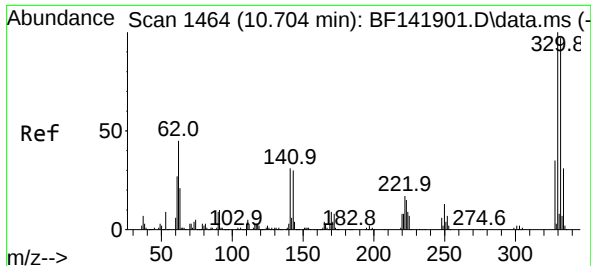
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

160 46.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 14.616 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

Instrument :

BNA\_F

ClientSampleId :

HR-01-032425

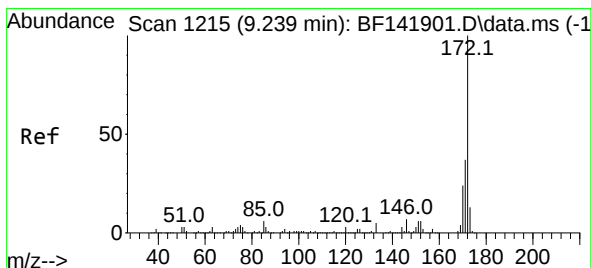
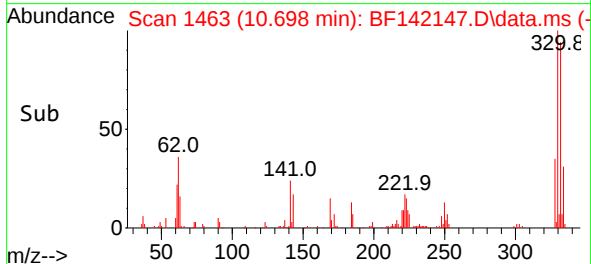
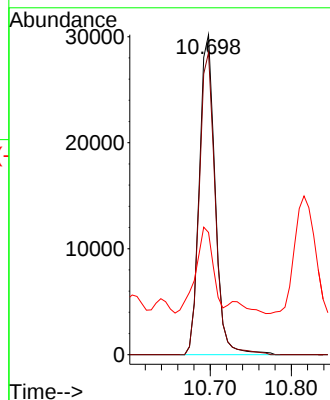
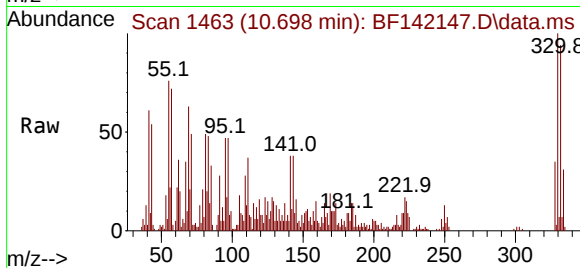
Tgt Ion:330 Resp: 40817

Ion Ratio Lower Upper

330 100

332 95.3 77.6 116.4

141 29.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 16.010 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

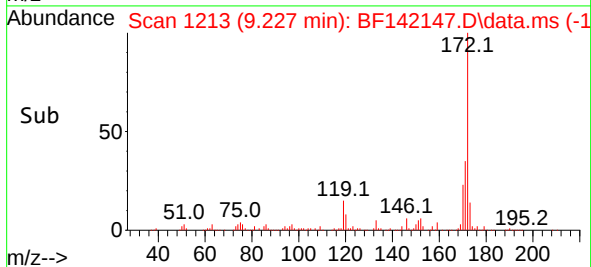
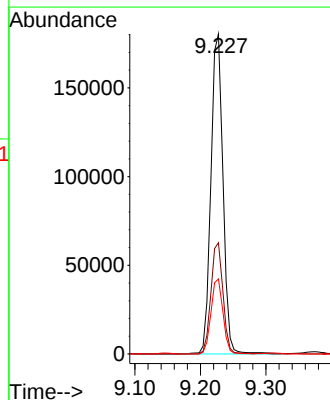
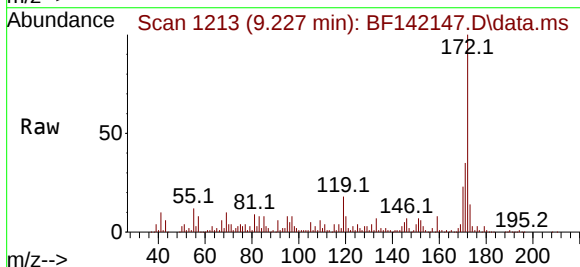
Tgt Ion:172 Resp: 231722

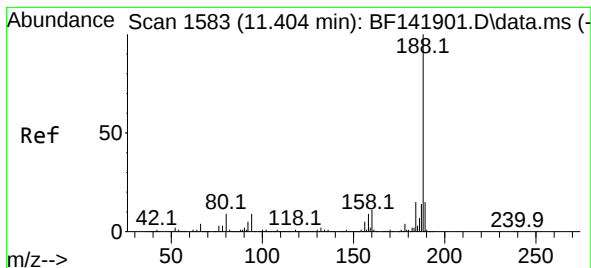
Ion Ratio Lower Upper

172 100

171 34.7 29.3 43.9

170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

Instrument :

BNA\_F

ClientSampleId :

HR-01-032425

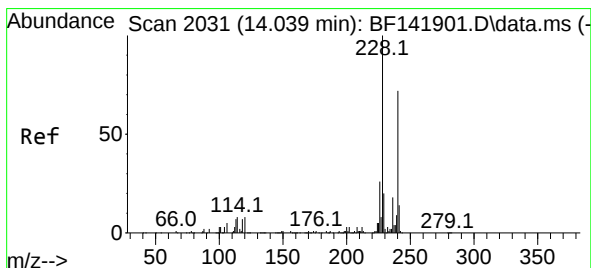
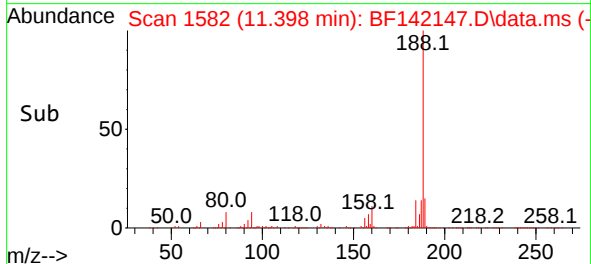
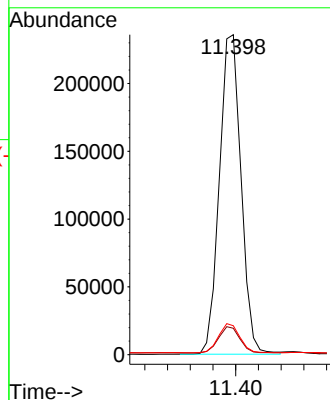
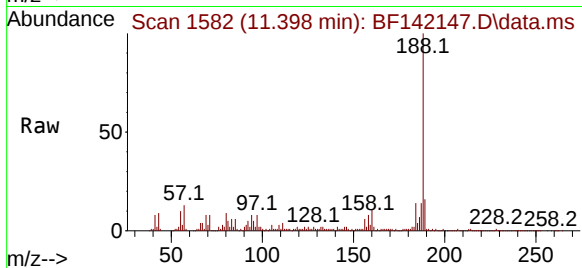
Tgt Ion:188 Resp: 312303

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF142147.D

Acq: 28 Mar 2025 02:06

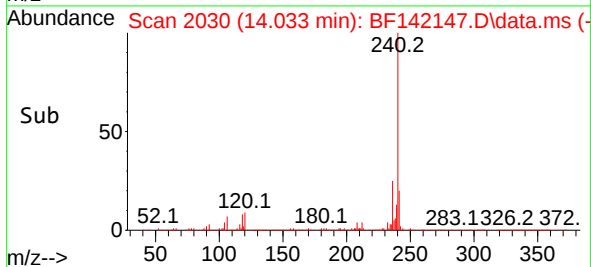
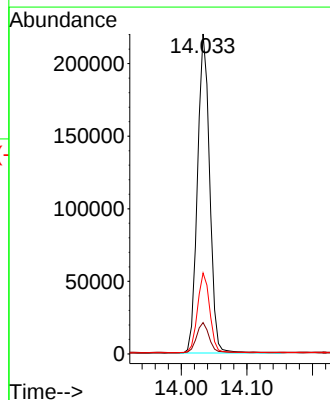
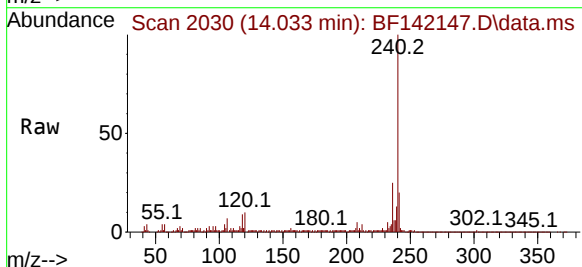
Tgt Ion:240 Resp: 284160

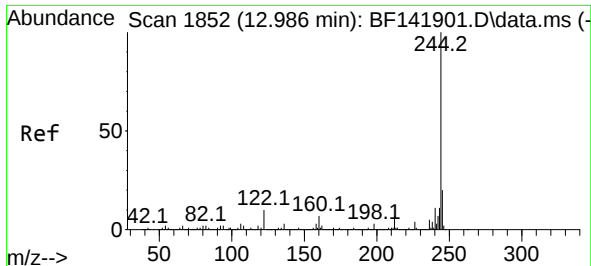
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.3 20.5 30.7

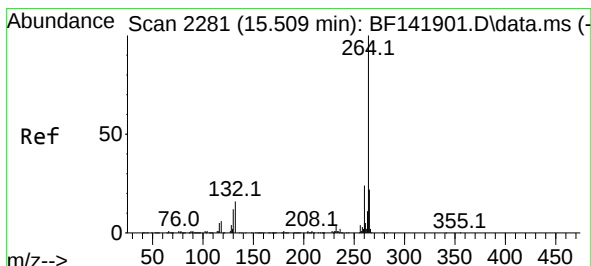
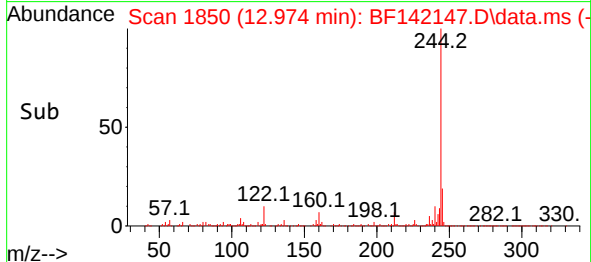
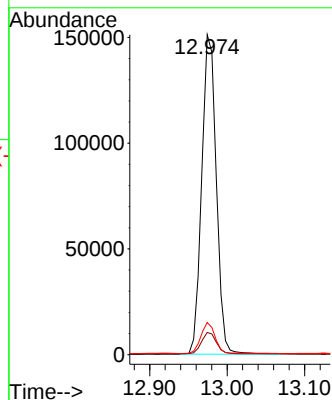
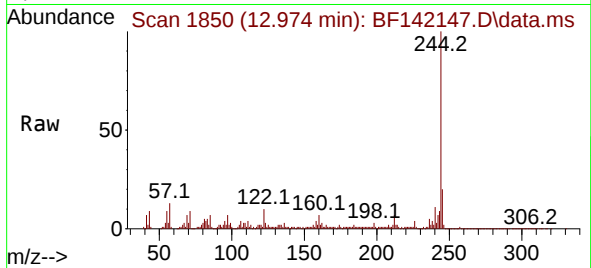




#79  
 Terphenyl-d14  
 Concen: 10.284 ng  
 RT: 12.974 min Scan# 1850  
 Delta R.T. -0.012 min  
 Lab File: BF142147.D  
 Acq: 28 Mar 2025 02:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-01-032425

Tgt Ion:244 Resp: 197660  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 10.0 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.509 min Scan# 2281  
 Delta R.T. -0.000 min  
 Lab File: BF142147.D  
 Acq: 28 Mar 2025 02:06

Tgt Ion:264 Resp: 202759  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.1 28.7  
 265 22.2 17.5 26.3

